

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Plants for GAMMA-TERPINENE**

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abies alba</i>	Leaf	8.0	10.0	-0.3526419772681357	--
<i>Achillea millefolium</i>	Leaf	9.0	370.0	0.34147926512769305	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Acinos suaveolens</i>	Shoot		3.0	-0.3922617810336187	Tumen, G. 1991. The Volatile Constituents of <i>Acinos suaveolens</i> (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
<i>Acinos alpinus</i>	Shoot		0.5	-0.39398911774016243	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
<i>Acinos alpinus</i>	Shoot		0.5	-0.39398911774016243	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
<i>Acorus calamus</i>	Plant				--
<i>Agathosma betulina</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Agathosma betulina</i>	Leaf Essent. Oil				--
<i>Alpinia galanga</i>	Rhizome				--
<i>Anethum graveolens</i>	Leaf	0.1	30.0	-0.314079686023923	--
<i>Anethum graveolens</i>	Seed	12.0	77.0	-0.8148071104880178	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Anethum graveolens</i>	Fruit	12.0	77.0	-0.6371546249494475	--
<i>Angelica archangelica</i>	Root Essent. Oil				--
<i>Angelica archangelica</i>	Root	1.0	12.0	-0.802453903453894	--
<i>Apium graveolens</i>	Seed	7.0	10.0	-0.8268964662241418	Charalambous, G. (Ed.). 1994. Spices, Herbs and Edible Fungi. Elsevier Science B. V. Amsterdam. 764 pp.
<i>Apium graveolens</i>	Leaf Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Artemisia annua</i>	Plant	1.0	830.0	-0.19640892696882867	--
<i>Artemisia salsolooides</i>	Shoot		5000.0	3.0603388280060884	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of <i>Aremisia salsolooides</i> Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
<i>Artemisia dracunculus</i>	Essential Oil		56900.0	-0.04515870825045456	--
<i>Artemisia dracunculus</i>	Shoot	105.0	1040.0	0.32423748484074105	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Artemisia capillaris</i>	Essential Oil				--
<i>Aspalathus linearis</i>	Leaf Essent. Oil				--
<i>Barosma betulina</i>	Leaf				--
<i>Boswellia sacra</i>	Resin Essent. Oil		1000.0		Abdel Wahab, S. M., Aboutabl, E. A., El-Zalabani, S. M., Fouad, H. A., De Pooter, H. L., El-Fallaha, B. 1987. The Essential Oil of Olibanum. Plant Med. 53 (4): 382-384.
<i>Boswellia sacra</i>	Essential Oil				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Shoot		14.0	-0.38466149952482603	--
<i>Calamintha nepeta</i>	Shoot		31.0	-0.37291560992032835	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkcuoglu, M. 1992. Composition of the Essential Oil of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> . J. Ess. Oil Res. 4:189-190
<i>Callicarpa americana</i>	Leaf		1.0	-0.3699950083280314	--
<i>Canarium indicum</i>	Essential Oil	400.0	1000.0	-0.8084676731922603	--
<i>Capsicum annum</i>	Fruit				--
<i>Carica papaya</i>	Fruit				--
<i>Carum carvi</i>	Seed	12.0	14160.0	1.7263032899871258	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Carum carvi</i>	Plant	270.0	2215.0	0.3668556912256766	--
<i>Carum carvi</i>	Fruit	12.0	14160.0	1.9544259127217853	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Centella asiatica	Shoot				Jim Duke's personal files.
Centella asiatica	Essential Oil		4000.0	-0.767502970243684	Jim Duke's personal files.
Chrysanthemum parthenium	Shoot		28.0	-0.3749884139681809	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of Tanacetum parthenium (L.) Schultz-Bip. Flavor and Fragrance Journal 11(6): 367-71.
Cinnamomum camphora	Leaf	35.0	70.0	-0.23695510353549756	--
Cinnamomum aromaticum	Plant				--
Cinnamomum verum	Stem Bark				--
Cinnamomum verum	Leaf		9.4	-0.35379884600546213	Mallavarupu, G. R. et al. 1995. Investigation of the essential oil of cinnamon leaf grown at Bangalore and Hyderabad. Flav. & Fragr. J., 10: 239-242.
Cinnamomum verum	Root Bark				--
Cinnamomum verum	Bark	3.0	12.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cistus ladaniferus	Leaf	2.0	140.0	-0.1019870841807531	--
Citrus limon	Petiole		535.0		--
Citrus limon	Essential Oil	290.0	1400.0	-0.8030057127991168	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Pericarp				--
Citrus aurantium	Leaf	50.0	110.0	-0.15983052104707215	--
Citrus aurantiifolia	Fruit	60.0	2170.0	-0.25199677041945456	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus limon	Pericarp				Jim Duke's personal files.
Citrus sinensis	Fruit Juice	0.04	0.46	-1.0	--
Citrus mitis	Fruit Juice		3.0	0.9999999999999997	--
Citrus limon	Leaf Essent. Oil	3000.0	44000.0	-0.14954213307604686	Jim Duke's personal files.
Citrus aurantium	Hull Husk				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Citrus paradisi	Pericarp	0.4	1.0		--
Citrus reticulata	Fruit	23.0	25.0	-0.6467237641924287	--
Citrus aurantium	Plant				--
Citrus limon	Pericarp Essent. Oil	12000.0	83200.0		Jim Duke's personal files.
Citrus reticulata	Leaf Essent. Oil		201500.0	1.9087625075774095	--
Citrus sinensis	Fruit	1.0	2.0	-0.6509562680883627	--
Cleonia lusitanica	Leaf	1.0	3.0	-0.36613877920361015	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Coleus barbatus	Stem Essent. Oil		2100.0		Jim Duke's personal files.
Coleus barbatus	Leaf Essent. Oil		2100.0	-0.6971165104943313	Jim Duke's personal files.
Coriandrum sativum	Seed Essent. Oil		40800.0	-0.2831900813123795	--
Coriandrum sativum	Essential Oil				--
Coriandrum sativum	Fruit	762.0	2626.0	-0.16808278013485026	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coridothymus capitatus	Shoot		595.0	0.016771551075948313	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Crocus sativus	Silk Stigma Style				--
Croton lechleri	Plant				Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.
Croton eluteria	Bark				--
Cuminum cyminum	Seed Essent. Oil		135100.0	1.7741924046473574	--
Cuminum cyminum	Seed	174.0	11800.0	1.3004692670430558	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cuminum cyminum	Essential Oil				--
Cuminum cyminum	Fruit	174.0	11800.0	1.5201342086172545	--
Cunila origanoides	Shoot		7560.0	4.829131615506919	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Curcuma longa	Rhizome		60.0	-1.0	--
Curcuma longa	Leaf		90.0	-0.19839281229128486	--
Daucus carota	Root		216.0	1.409716316878462	--
Dictamnus albus	Shoot		6.0	-0.39018897698576616	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. <i>Planta Med.</i> 60:481-2
Dictamnus albus	Shoot		40.0	-0.36669719777677073	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. <i>Planta Med.</i> 60:481-2
Dictamnus albus	Shoot	6.0	40.0	-0.36669719777677073	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. <i>Planta Med.</i> 60:481-2
Elettaria cardamomum	Fruit	49.0	140.0	-0.6255612447127588	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
Elettaria cardamomum	Root Essent. Oil		33000.0	-1.0	--
Elsholtzia polystachya	Leaf		4.6	-0.36305379590407305	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
Elsholtzia polystachya	Leaf		4.6	-0.36305379590407305	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. <i>Planta Medica</i> 58: 376-379.
Elsholtzia pilosa	Shoot		105.0	-0.3217864434066325	--
Eucalyptus siderophloia	Shoot		55.0	-0.35633317753750804	Zriria, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus ochrophloia	Leaf		0.5	-0.3709590656091367	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Eucalyptus citriodora	Shoot		6000.0	3.7512735106236	--
Eucalyptus cuprea	Leaf		80.0	-0.21767395791339123	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Eucalyptus bridgesiana	Leaf		43.0	-0.28901419671518475	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Volatile Constituents of the Essential Oil of <i>Eucalyptus bridgesiana</i> Growing in India. Journal of Essential Oil Res. 3: 449-450.
Eucalyptus polyanthemos	Shoot		35.0	-0.3701518711898583	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus largisparsa	Leaf		17.0	-0.33914517533266125	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Eucalyptus brassiana	Leaf		15.0	-0.3430014044570825	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of <i>Eucalyptus brassiana</i> S. T. Blake. Journal of Essential Oil Res. 3: 45-7.
Eucalyptus oviformis	Shoot		50.0	-0.3597878509505956	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus melliodora	Shoot		85.0	-0.3356051370589827	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus leucoxylon	Leaf	0.0	5.5	-0.36131849279808353	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus bosistoana	Shoot		44.0	-0.3639334590463007	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus incrassata	Leaf		50.0	-0.27551739477971027	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus viridis	Leaf	0.0	0.5	-0.3709590656091367	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus angulosa	Leaf		3.5	-0.36517472192250483	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus erythrandra	Leaf		29.0	-0.3160078005861336	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus porosa	Leaf		130.0	-0.12126822980285945	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus dealbata	Shoot		55.0	-0.35633317753750804	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus stoatei	Leaf		55.0	-0.2658768219686571	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus grandis	Leaf Essent. Oil		5000.0	-0.6592175679045217	--
Eucalyptus intertexta	Leaf		55.0	-0.2658768219686571	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus ceratocorys	Leaf		6.0	-0.3603544355169782	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus saligna	Shoot		95.0	-0.3286957902328076	Zriria, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus sparsa	Leaf		125.0	-0.13090880261391263	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus botryoides	Shoot		150.0	-0.29069438268884445	Zriria, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus occidentalis	Shoot		0.1	-0.3942654916132095	Zriria, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Eucalyptus maidenii	Shoot		0.1	-0.3942654916132095	Zriria, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus fasiculosa	Leaf	0.0	1.3	-0.3694165739593683	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus blakelyi	Shoot		0.1	-0.3942654916132095	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Shoot		0.1	-0.3942654916132095	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Fruit Essent. Oil				--
Eucalyptus desquamata	Leaf	0.0	15.0	-0.3430014044570825	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus albens	Shoot		0.1	-0.3942654916132095	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus dolichorhyncha	Leaf		16.0	-0.3410732898948719	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus tetraptera	Leaf		65.0	-0.24659567634655075	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus cladocalyx	Shoot		12.0	-0.3860433688900611	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus sideroxylon	Shoot		45.0	-0.3632425243636832	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus citriodora	Leaf Essent. Oil	2000.0	12000.0	-0.5677373616532569	--
Eucalyptus lansdowneana	Leaf		13.0	-0.3468576335815038	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subjenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus behriana	Leaf		2.7	-0.3667172135722732	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subjenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus camaldulensis	Shoot		29.0	-0.3742974792855634	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus punctata	Shoot		110.0	-0.3183317699935449	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus populnea	Leaf		1.8	-0.368452516678263	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus nova-anglica	Leaf	75.0	130.0	-0.12126822980285945	Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32.
Eucalyptus moluccana	Shoot		190.0	-0.26305699538414395	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus maculata	Shoot		65.0	-0.34942383071133293	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus melanophloia	Leaf		1.0	-0.3699950083280314	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus astringens	Shoot		0.1	-0.3942654916132095	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus forrestiana	Leaf		55.0	-0.2658768219686571	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus globulus	Leaf Essent. Oil	1000.0	89000.0	0.43854490711065486	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus odorata</i>	Leaf		4.4	-0.3634394188165153	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus diversicolor</i>	Shoot		310.0	-0.18014483347004256	Zrira, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus tereticornis</i>	Shoot		25.0	-0.37706121801603343	Zrira, S. S., Benjlalil, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Foeniculum vulgare</i>	Seed Essent. Oil	8600.0	20000.0	-0.7369923687775176	Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Plant		135.0	-0.4790579592036166	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Essential Oil	4000.0	20000.0	-0.5490245545179435	Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Fruit	1.0	342.0	-0.5883888191919472	--
<i>Foeniculum vulgare</i>	Seed	1.0	342.0	-0.7669910019794676	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedeoma reverchonii</i>	Plant		509.0	-0.3269561778283494	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedychium flavum</i>	Shoot		10.0	-0.38742523825529607	--
<i>Hypericum perforatum</i>	Plant	1.5	27.0	-0.5229803987451376	--
<i>Hyptis suaveolens</i>	Shoot		10.0	-0.38742523825529607	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
<i>Hyptis suaveolens</i>	Plant		175.0	-0.46279038900305325	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
<i>Hyptis suaveolens</i>	Shoot		10.0	-0.38742523825529607	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Hyssopus officinalis</i>	Leaf	1.0	60.0	-0.2562362491576039	--
<i>Hyssopus officinalis</i>	Shoot				Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
<i>Hyssopus officinalis</i>	Shoot		0.1	-0.3942654916132095	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
<i>Illicium verum</i>	Fruit	1.0	75.0	-0.6375226687664852	--
<i>Juniperus sabina</i>	Plant				--
<i>Juniperus communis</i>	Fruit	19.0	600.0	-0.540911166794079	--
<i>Juniperus virginiana</i>	Leaf				--
<i>Juniperus communis</i>	Leaf Essent. Oil				--
<i>Lantana camara</i>	Leaf				--
<i>Laurus nobilis</i>	Leaf	35.0	290.0	0.1872301001508422	--
<i>Laurus nobilis</i>	Leaf Essent. Oil		1700.0	-0.7023439508515464	--
<i>Lavandula x hybrida</i>	Shoot	12.0	21.0	-0.37982495674650346	Tucker, A.O., Maciarello, M.J., Angell, S., Espaillat, J.R., and French, E.C. 1993. The Essential Oil of <i>Lavandula x hybrida</i> Balb. ex Ging., a Distinct Hybrid from <i>L. x heterophylla</i> Poir. (Labiatae). <i>J. Ess. Oil Res.</i> 5: 443-445.
<i>Lavandula x intermedia</i>	Plant	2.0	15.0	-0.5278606698053065	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Leonotis leonurus</i>	Se		0.1		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of <i>Leonotis leonurus</i> R. Br. <i>J. Ess. Oil Res.</i> 3: 451-3
<i>Lepechinia calycina</i>	Plant		70.0	-0.505492760779532	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Levisticum officinale</i>	Root	3.0	30.0	-0.6072624134245684	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lindera benzoin</i>	Twig	20.0	21.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Litsea glaucescens</i>	Shoot	170.0	225.0	-0.23887428149253107	Tucker, et al, EB46(1):21-24.1992
<i>Magnolia denudata</i>	Leaf				--
<i>Magnolia denudata</i>	Bark				--
<i>Melaleuca alternifolia</i>	Leaf	1154.0	3000.0	5.412420563741664	--
<i>Melaleuca alternifolia</i>	Resin, Exudate, Sap				--
<i>Melaleuca alternifolia</i>	Leaf Essent. Oil		204000.0	1.941434009810004	--
<i>Melaleuca alternifolia</i>	Root Essent. Oil		135400.0	1.0	--
<i>Melaleuca linariifolia</i>	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Melaleuca alternifolia</i>	Essential Oil	32000.0	211500.0	2.0658889836995122	--
<i>Melaleuca cajuputi</i>	Leaf		730.0	1.035600507523522	--
<i>Mentha aquatica</i>	Shoot		5.0	-0.39087991166838365	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha aquatica</i>	Shoot		2.0	-0.3929527157162362	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha spicata</i>	Essential Oil				--
<i>Mentha pulegium</i>	Essential Oil		2500.0	-0.7879853217179721	--
<i>Mentha spicata</i>	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha arvensis</i> var. <i>piperascens</i>	Essential Oil				Jim Duke's personal files.
<i>Mentha arvensis</i> var. <i>piperascens</i>	Leaf		900.0	1.36337998309933	--
<i>Mentha aquatica</i>	Shoot		5.0	-0.39087991166838365	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogeikagaku Kaishi</i> 67(10): 1417-1419.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mentha pulegium</i>	Plant		50.0	-0.5136265458798137	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha aquatica</i>	Shoot		2.0	-0.3929527157162362	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha aquatica</i>	Shoot		8.0	-0.3888071076205311	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha x piperita</i>	Leaf	2.0	20.0	-0.3333608316460293	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha longifolia</i>	Shoot	0.0	57.0	-0.35495130817227305	--
<i>Micromeria croatica</i>	Leaf		15.0	-0.3430014044570825	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria fruticosa</i>	Shoot		5.0	-0.39087991166838365	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. <i>J. Ess. Oil Res</i> 3: 477-479.
<i>Micromeria fruticosa</i>	Shoot		5.0	-0.39087991166838365	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. <i>J. Ess. Oil Res</i> 3: 477-479.
<i>Micromeria myrtifolia</i>	Shoot		0.2	-0.39419639814494767	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of <i>Micromeria myrtifolia</i> Boiss. et Hohen. <i>J. Ess. Oil Res.</i> , 4: 79-80.
<i>Micromeria teneriffae</i>	Leaf		230.0	0.07154322641820408	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Micromeria congesta</i>	Leaf		5.0	-0.36228255007918886	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria fruticosa</i>	Leaf		1.0	-0.3699950083280314	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria varia</i>	Shoot		15.0	-0.38397056484220854	--
<i>Micromeria juliana</i>	Leaf		35.0	-0.3044391132128698	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria varia</i>	Shoot		15.0	-0.38397056484220854	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
<i>Micromeria thymifolia</i>	Leaf		5.0	-0.36228255007918886	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Monarda punctata</i>	Plant	11.0	5610.0	1.7475657119984895	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda fistulosa</i>	Plant	3.0	11377.0	4.092942645664708	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Flower		195.0	-0.38395915301878303	Flavour and Fragrance Journal, 6: 80.
<i>Monarda citriodora</i>	Plant		29.0	-0.5221670202351094	--
<i>Monarda citriodora</i>	Leaf		0.1	-0.3717303114340209	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of <i>Monarda citriodora</i> var. <i>citriodora</i> grown in the United Kingdom. <i>J. Ess. Oil Res.</i> 6: 27-9.
<i>Monarda media</i>	Plant		46.0	-0.51525330289987	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Plant	20.0	1250.0	-0.025599439862913652	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Monarda clinopodia	Plant		140.0	-0.47702451292854614	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda citriodora	Flower		1330.0	1.7187845800394497	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of <i>Monarda citriodora</i> var. <i>citriodora</i> grown in the United Kingdom. <i>J. Ess. Oil Res.</i> 6: 27-9.
Monarda lindheimeri	Plant		26.0	-0.5233870880001517	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda didyma	Leaf	60.0	115.0	-0.15018994823601897	--
Murraya koenigii	Leaf		115.0	-0.15018994823601897	--
Myrciaria dubia	Fruit				--
Myrica cerifera	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Essential Oil	21000.0	47000.0	-0.18034222798075647	--
Myristica fragrans	Seed Essent. Oil	19000.0	68000.0	0.310243679218955	--
Myristica fragrans	Seed	580.0	4640.0	0.008532146585622945	--
Myrrhis odorata	Leaf Essent. Oil		8000.0	-0.6200117652254082	--
Myrtus communis	Plant	185.0	278.0	-0.4209013957366027	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Nepeta racemosa	Shoot		44.0	-0.3639334590463007	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
Nepeta racemosa	Shoot		44.0	-0.3639334590463007	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
Ocimum basilicum	Plant	1.0	10.0	-0.529894116080377	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum gratissimum	Shoot		15.0	-0.38397056484220854	Vostrowsky, O., Garbe, W., Bestmann, H.J. and Maia, J.G.S. 1990. Essential Oil of Alfavaca, <i>Ocimum gratissimum</i> , from Brazilian Amazon. <i>Zeitschr. Naturforschung</i> 45(C): 1073-6.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum basilicum	Leaf Essent. Oil	2000.0	14900.0	-0.5298384190634473	--
Origanum vulgare	Plant		2795.0	0.602735459133845	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
Origanum syriacum	Shoot		240.0	-0.22851026125326837	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Origanum sipyleum	Shoot		4470.0	2.6941434462188067	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
Origanum onites	Shoot		1550.0	0.6766141729756721	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Frag. J.</i> 8: 331-7.
Origanum sipyleum	Shoot		4470.0	2.6941434462188067	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
Origanum vulgare	Essential Oil		147600.0	1.1933408108948367	--
Origanum majorana	Essential Oil	48000.0	213000.0	2.0863713351738005	--
Origanum vulgare	Plant		4.0	-0.5323342516104616	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
Origanum majorana	Leaf	210.0	2370.0	4.197708389548963	--
Origanum vulgare	Shoot		4950.0	3.0257920938752125	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. <i>Z. Lebensm Unters Forsch</i> 197: 20-23.
Origanum syriacum	Shoot		1015.0	0.30696411777530325	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Origanum sipyleum</i>	Shoot		2635.0	1.4262783036156723	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
<i>Origanum minutiflorum</i>	Shoot	7.0	555.0	-0.010865836228752158	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of <i>Origanum minutiflorum</i> O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
<i>Origanum onites</i>	Plant		190.0	-0.456690050177842	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum majorana</i>	Leaf Essent. Oil		180000.0	1.627787588377096	--
<i>Origanum vulgare</i>	Plant		13.0	-0.5286740483153347	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum vulgare</i>	Plant		3.0	-0.5327409408654756	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Origanum syriacum</i>	Shoot		240.0	-0.22851026125326837	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Origanum vulgare</i>	Shoot Essent. Oil	20700.0	46100.0	1.0	--
<i>Origanum vulgare</i>	Plant	1.0	1476.0	0.06631233177026918	--
<i>Origanum onites</i>	Shoot		1550.0	0.6766141729756721	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
<i>Origanum sipyleum</i>	Shoot		270.0	-0.20778222077474304	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
<i>Pastinaca sativa</i>	Root				--
<i>Petroselinum crispum</i>	Fruit Essent. Oil	16000.0	36300.0	1.3597633205634474	--
<i>Petroselinum crispum</i>	Leaf		0.42	-0.37111331477411363	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Petroselinum crispum	Seed Essent. Oil		5000.0	-1.0642536337764155	--
Petroselinum crispum	Seed	3.0	1120.0	-0.6266101249241767	--
Peumus boldus	Leaf	3.0	9.0	-0.3545700918303463	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pimenta dioica	Leaf		17.0	-0.33914517533266125	--
Pimenta dioica	Fruit		35.0	-0.64488354510724	--
Pimenta racemosa	Plant	0.0	16.0	-0.5274539805502925	--
Pimenta dioica	Leaf Essent. Oil				--
Pinus sylvestris	Resin, Exudate, Sap				--
Pinus sylvestris	Essential Oil				--
Pinus sylvestris	Leaf Essent. Oil		5000.0	-0.6592175679045217	--
Piper nigrum	Fruit				--
Piper auritum	Leaf				Tramil
Piper cubeba	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Piper cubeba	Fruit Essent. Oil				--
Piper nigrum	Fruit Essent. Oil	100.0	11000.0	-0.34330658093433575	--
Piper nigrum	Seed Essent. Oil				--
Porophyllum ruderale	Plant	100.0	155.0	-0.4709241741033349	Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. &amp; Fragr. J.</i> 14: 393-8.
Pycnanthemum tenuifolium	Shoot	1.0	260.0	-0.21469156760091815	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum loomisii	Shoot	99.0	420.0	-0.10414201838211626	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus officinalis	Shoot	37.0	225.0	-0.23887428149253107	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Leaf		4.0	-0.3642106646413995	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus eriocalyx	Shoot	16.0	95.0	-0.3286957902328076	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus eriocalyx	Shoot	16.0	95.0	-0.3286957902328076	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf		4.0	-0.3642106646413995	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus officinalis	Shoot Essent. Oil		15200.0	-1.0	--
Rosmarinus tomentosus	Shoot	24.0	80.0	-0.3390598104720703	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Shoot	37.0	225.0	-0.23887428149253107	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus x mendizabalii	Shoot	23.0	50.0	-0.3597878509505956	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf Essent. Oil		6000.0	-0.6461489670114838	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Shoot	105.0	300.0	-0.18705418029621768	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
Rosmarinus officinalis	Plant	4.0	400.0	-0.3712853066248845	--
Rosmarinus officinalis	Resin, Exudate, Sap				--
Rosmarinus x lavandulaceus	Shoot	10.0	90.0	-0.3321504636458951	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
Salvia canariensis	Leaf		0.1	-0.3717303114340209	Casnigueral,S., Iglesias,J., Vila,R., Virgili,A. and Ibanez,C.1994. The Essential Oil from Leaves of <i>Salvia canariensis</i> L. <i>Flav. &amp; Frag. J.</i> 9:201-204. S. Canigueral, Facultat de Farmacia, Universitat de Barcelona, Ave.Diagonal 643,E-08028, Barcelone Spain
Salvia officinalis	Leaf Essent. Oil		3000.0	-0.6853547696905973	--
Salvia officinalis	Leaf	15.0	140.0	-0.1019870841807531	--
Salvia dorisiana	Shoot	2.7	3.7	-0.3917781267557864	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of <i>Salvia dorisiana</i> Standley. <i>J. Ess. Oil Res.</i> 6: 97-8.
Salvia officinalis	Et		4000.0		--
Salvia sclarea	Plant	1.0	21.0	-0.5254205342752221	Flavour and Fragrance Journal, 6: 154.
Sassafras albidum	Leaf		0.0	-0.37192312289024204	--
Satureja obovata	Leaf		1590.0	2.6937790310246683	Arrebla, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . <i>Phytochemistry</i> 35(1): 83.
Satureja montana	Essential Oil	61600.0	74200.0	0.1910710787530023	--
Satureja cuneifolia	Shoot		2465.0	1.3088194075706954	Tumen, G. 1991. The Volatile Constituents of <i>Satureja cuneifolia</i> . <i>J. Ess. Oil Res.</i> , 3: 365-366.
Satureja montana	Plant	15.0	7130.0	2.365733379619896	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Satureja obovata</i>	Shoot	60.0	300.0	-0.18705418029621768	Fitoterapia No.60: 277.
<i>Satureja obovata</i>	Leaf		1715.0	2.9347933513009976	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . Phytochemistry 35(1): 83.
<i>Satureja thymbra</i>	Shoot		6660.0	4.207290401151158	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
<i>Satureja ciliicica</i>	Shoot		1070.0	0.34496552531926644	Tumen, G. Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of <i>Satureja ciliicica</i> P.H. Davis. J. Ess. Oil Res. 5: 547-548.
<i>Satureja hortensis</i>	Plant				--
<i>Satureja douglasii</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja obovata</i>	Leaf		250.0	0.11010551766241679	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . Phytochemistry 35(1): 83.
<i>Satureja obovata</i>	Leaf		250.0	0.11010551766241679	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . Phytochemistry 35(1): 83.
<i>Satureja subspicata</i>	Plant		60.0	-0.5095596533296728	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of <i>Satureja montana</i> and <i>Satureja subspicata</i> from Yugoslavia. J. Ess. Oil Res., 3: 153-158.
<i>Sideritis mugronensis</i>	Flower	30.0	75.0	-0.6062756710513716	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of <i>Sideritis mugronensis</i> Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
<i>Sideritis germanicolpitana</i>	Plant	4.0	20.0	-0.5258272235302361	J. Essential Oil, 4: 533.
<i>Sideritis pauli</i>	Shoot		19.0	-0.3812068261117385	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of <i>Sideritis pauli</i> Pau. FFJ7: 47-8. 1992.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sideritis mugronensis</i>	Leaf	15.0	20.0	-0.3333608316460293	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of <i>Sideritis mugronensis</i> Flower and Leaf. <i>J. Ess. Oil Res.</i> , 3: 395-397.
<i>Stevia rebaudiana</i>	Leaf		2.0	-0.36806689376582075	Kinghorn, A. D. (Ed.) 2002. <i>Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia</i> . Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Flower		9.0	-0.7285497559692952	Kinghorn, A. D. (Ed.) 2002. <i>Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia</i> . Taylor & Francis. New York, NY. 211 pp.
<i>Tagetes minuta</i>	Essential Oil		4300.0	-0.7634064999488264	--
<i>Tagetes minuta</i>	Flower Essent. Oil		100.0		--
<i>Tanacetum parthenium</i>	Essential Oil		10000.0	-0.6855735643465313	--
<i>Tanacetum parthenium</i>	Fruit Essent. Oil		1000.0	-1.0164567396291118	--
<i>Tanacetum parthenium</i>	Shoot		28.0	-0.3749884139681809	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of <i>Tanacetum parthenium</i> (L.) Schultz-Bip. <i>Flavor and Fragrance Journal</i> 11(6): 367-71.
<i>Tanacetum vulgare</i>	Plant				--
<i>Teucrium asiaticum</i>	Shoot		0.75	-0.3938163840695081	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium scorodonia</i>	Shoot		0.18	-0.3942102168386	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium micropodioides</i>	Leaf		8.0	-0.35649820639255697	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium oxylepis</i>	Shoot		1.1	-0.393574556930592	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Teucrium divaricatum</i>	Leaf		15.0	-0.3430014044570825	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium polium</i>	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Teucrium salviastrum</i>	Shoot		0.17	-0.3942171261854262	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium polium</i>	Shoot		7.0	-0.3894980423031486	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium kotschyanum</i>	Leaf		0.0	-0.37192312289024204	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium arduini</i>	Shoot		13.0	-0.3853524342074436	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. <i>J. Ess. Oil Res.</i> 4: 223-225.
<i>Teucrium cyprium</i>	Leaf		210.0	0.03298093517399138	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Teucrium pseudoscorodonia</i>	Shoot				Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium oxylepis</i>	Shoot		1.36	-0.3933949139131115	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Teucrium arduini</i>	Shoot		27.0	-0.3756793486507984	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. <i>J. Ess. Oil Res.</i> 4: 223-225.
<i>Teucrium gnaphalodes</i>	Shoot		0.0	-0.39433458508147123	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Thymus funkii</i>	Shoot		16.0	-0.38327963015959104	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. <i>Flav. &amp; Fragr. J.</i> 10(6): 379-383.
<i>Thymus x citriodorus</i>	Plant		0.0	-0.5339610086305179	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. <i>Flav. &amp; Fragr. J.</i> 10: 225-229.
<i>Thymus orospedanus</i>	Plant		3920.0	1.0602608710246888	J. Nat. Prod.
<i>Thymus saturejoides</i>	Shoot		0.1	-0.3942654916132095	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
<i>Thymus zygis</i>	Shoot		75.0	-0.3425144838851578	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JEO5</i> : 153-8.
<i>Thymus capitatus</i>	Plant	490.0	530.0	-0.31841570347305365	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus broussonettii</i>	Shoot		20.0	-0.38051589142912096	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
<i>Thymus vulgaris</i>	Essential Oil	17800.0	49500.0	-0.14620497552360953	--
<i>Thymus vulgaris</i>	Plant	36.0	5460.0	1.6865623237463772	--
<i>Thymus mastichina</i>	Plant	1.0	60.0	-0.5095596533296728	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Thymus riatarum</i>	Shoot		1235.0	0.45896974795115586	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and II Idrissi, A. 1991. Analysis of the Essential Oil of <i>Thymus riatarum</i> . <i>J. Ess. Oil Res.</i> 3: 43-4.
<i>Thymus zygis</i>	Shoot		75.0	-0.3425144838851578	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JEOP</i> : 153-8.
<i>Thymus funkii</i>	Shoot		16.0	-0.38327963015959104	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. <i>Flav. &amp; Fragr. J.</i> 10(6): 379-383.
<i>Thymus serpyllum</i>	Plant	252.0	3534.0	0.9032788185892525	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Thymus capitatus</i>	Shoot		0.0	-0.39433458508147123	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Fragr. J.</i> 8: 331-7.
<i>Thymus cilicicus</i>	Shoot		90.0	-0.3321504636458951	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicicus</i> Boiss. & Bal. <i>J. Ess. Oil Res.</i> 6: 97-8.
<i>Thymus zygis</i>	Shoot	250.0	1690.0	0.7733450285421237	De Cunha, A.P. and Salguiero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. <i>J. Ess. Oil Res.</i> 3: 409-12.
<i>Trachyspermum ammi</i>	Fruit	5610.0	13960.0	1.9176215310180116	--
<i>Trichostemma dichotomum</i>	Shoot		11.0	-0.3867343035726786	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of <i>Trichostemma dichotomum</i> . <i>J. Ess. Oil Res.</i> 2: 149-150.
<i>Valeriana officinalis</i>	Root				--
<i>Valeriana officinalis</i>	Root Essent. Oil				--
<i>Vitex agnus-castus</i>	Flower				Jim Duke's personal files.
<i>Vitex agnus-castus</i>	Leaf				Jim Duke's personal files.
<i>Vitex agnus-castus</i>	Fruit				Jim Duke's personal files.

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Zingiber officinale	Rhizome Essent. Oil		500.0		--
Zingiber officinale	Rhizome		1230.0	1.0	--